, , , , , , , , , , , , , , , , , , ,			Atty. Docket No.: 7570/80962 A		Appl. No.:	Appl. No.: 10/755,854	
LIST OF REFERENCES CITED BY APPLICANS (Use several sheets if necessary)				Applicant(s) Ye, et al.			
)	7019 9 8 5000 E	Filing Date: January 13, 2004		Group: 164	12
			TRACE S. PATI	ENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
M	A 1	6,675,104	Jan. 6, 2004	Paulse, et al.	702	22	Nov. 15, 2001
M	A 2	2003/0087250	May 8, 2003	Monahan,(et al.	435	6	Mar. 14, 2002
	A 3						
	A4.						
	A 5						
	A 6						
	A 7						
•	A 8						
	A 9						
	A 10						
	A 11						
	A 12						
	A 13						
	A 14						
	A 15		·			·	
	A 16						
	A 17						
	A 18						
	A 19						
	A 20			·			
	A 21						·
	A 22		·				
	A 23						
	A 24						
	A 25						
	A 26						
	A 27						
Examiner		MA	cor	Date Considered	27	.06	

· •		,	Atty. Docket No.: 7570/80962	Appl. No.: 10/755,854		
LIST (OF REFE	ERENCES CITED BY APPLICANT Use several sheets if necessary)	Applicant(s) Ye, et al.			
)	Filing Date: January 13, 2004	Group: 1642		
Examiner Initial						
6/	Cl	BRAKORA, et al., "Utility of Osteopontin as a Biomarker in Recurrent Epithelial Ovarian Cancer," Gynoecologic Oncology 93:361-365 (2004).				
M	C 2	FURGER, et al., "The Functional and Clinic 632 (2001).	cal Roles of Osteopontin in Cancer and Metast	asis," Curr. Mol. Med. 1:621-		
M	C 3		nct to CA125 in Detecting Recurrent Ovarian (Cancer," Clin. Cancer Res.		
	C 4					
	C 5					
	C 6					
	C 7					
	C 8					
	C 9					
	C 10			,		
	C 11					
· · · · · · · · · · · · · · · · · · ·	C 12			 		
	C 13					
	C 14					
	C 15					
	C 16					
	C 17					
.	C 18					
	C 19					
Examiner		Salih	Date Considered 7-27,0	K		

Atty. Docket No.: 7570/80962 Appl. No.: 10/755,854 EFERENCES CATED BY APPLICANT LIST OF Applicant(s) Ye, et al. Filing Date: January 13, 2004 Group: to be assigned **U.S. PATENT DOCUMENTS** Document Examiner Filing Date Initial Number Date Name Class Subclass If Appropriate Αl 5,604,106 Feb. 18, 1997 Liotta, et al. 435 7.23 May 18, 1993 A 2 5,695,761 Dec. 9, 1997 Denhardt, et al. 424 184.1 Dec. 23, 1993 5,712,104 Jan. 27, 1998 A 3 Yamamoto 435 7.92 Jan. 6, 1997 5,801,004 A 4 Sep. 1, 1998 Hudson, et al. 435 7.23 Dec. 23, 1996 6,414,219 B1 A 5 Jul. 2, 2002 Denhardt, et al. 800 18 Jun. 30, 1999 A 6 6,686,444 B2 Feb. 3, 2004 Ashkar 530 329 Aug. 21, 1997 A 7 2002/0039753 A1 Apr. 4, 2002 Chai, et al. 435 7.23 Jan. 5, 2001 A 8 2002/0052308 A1 May 2, 2002 Rosen, et al. 514 1 Aug. 10, 2001 A 9 A 10 A 11 A 12 A 13 A 14 A 15 A 16 A 17 A 18 A 19 A 20 A 21 A 22 A 23 A 24 A 25 A 26 A 27 7.27.06

Date Considered

Examiner

= This

-/OIPE								
AUS 1 2 2004 CS LIST OF REFERENCES CITED BY APPLICANT EVERAL Sheets if necessary)				Atty. Docket No.: 7570/80962 Appl. No.: 10/755,854			i4	
				Applicant(s) Ye, et al.				
				Filing Date: January 13, 2004		Group: to be assigned		d
			FOREIGN PA	ATENT DOCUMENTS				
							Abst./Trans.	
Examiner Initial		Document Number	Date	Country	Class	Subclass	Yes	No
	ВІ							
	В 2							
	В3							
1	B 4							
	В 5							
	В 6							
	B 7							
	В 8							
	B 9							
	B 10							
	B 11							I
	B 12							
	B 13							
	B 14							
	B 15							
	B 16							
	B 17				·			
	B 18							
	B 19							
	B 20							
	B 21							
	B 22	/						
	B 23							
	B 24				"-			
	B 25/							
	B 26							
	B 27							
Examiner			The	Date Considered 7:2	27.	06	<u> </u>	



Atty. Docket No.: 7570/80962

Appl. No.: 10/755,854

Applicant(s)

Ye, et al.

Filing Date: January 13, 2004

Group: to be assigned

		Cross, to so assigned						
Examiner Initial		OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
A	C I BAST, et al., "A Radioimmunoassay Using a Monoclonal Antibody to Monitor the Course of Epithelial Ovarian Cancer," N. Engl. J. Med. 309:883-887 (1983).							
	C 2	BERTEAU, et al., "Prostasin mRNA to Detect Prostate Cells in Blood of Cancer Patients," Clin. Chem. Lab. Med. 37:S119 (1999).						
	C 3	CHEN, et al., "Down-Regulation of Prostasin Serine Protease: A Potential Invasion Suppressor in Prostate Cancer," Prostate 48:93-103 (2001).						
	C 4	CHEN, et al., "Prostasin Serine Protease Inhibits Breast Cancer Invasiveness and Is Transcriptionally Regulated by Promoter DNA Methylation," Int. J. Cancer 97:323-329 (2002).						
	C 5	CHEUNG, et al., "Identify Metastasis-Associated Genes in Hepatocellular Carcinoma through Clonality Delineation for Multinodular Tumor," Cancer Res. 62:4711-4721 (2002).						
	C 6	COOLEN, et al., "Elevation of Brain-Type Creatine Kinase in Serum from Patients with Carcinoma," Cancer 44:1414-1418 (1979).						
	C 7	CRAMER, et al., "Carotenoids, Antioxidants and Ovarian Cancer Risk in Pre- and Postmenopausal Women," Int. J. Cancer 94:128-134 (2001).						
	C 8	DALY, et al., "The Search for Predictive Patterns in Ovarian Cancer: Proteomics Meets Bioinformatics," Cancer Cell 1:111-112 (2002).						
	C 9	DENHARDT, et al., "Osteopontin: A Protein with Diverse Functions," FASEB J. 7:1475-1482 (1993).						
	C 10							
	C 11	FISH, et al., "Changes in Serum Acute Phase Proteins in Ovarian Cancer Patients Receiving Cis-Diamminedichloro- platinum (CDDP) Infusion Therapy," Clinical Biochem. 17:39-41 (1984).						
	C 12							
	C 13	GIACHELLI, et al., "Molecular and Cellular Biology of Osteopontin," Trends Cardiovasc. Med. 5:88-95 (1995).						
	C 14	GINGRICH, et al., "Metastatic Prostate Cancer in a Transgenic Mouse," Cancer Res. 56:4096-4102 (1996).						
	C 15	HARVEY, et al., "Cancer Cells Release a Covalent Complex Containing Disulfide-Linked Domains from Urinary Plasminogen Activator, Neural Cell Adhesion Molecule, and Haptoglobin α and β Chains," Arch. Biochem. Biophys. 345:289-298 (1997).						
	C 16	HEID, et al., "Real Time Quantitative PCR," Genome Res. 6:986-994 (1996).						
	C 17	HOOPER, et al., "Testisin, a New Human Serine Proteinase Expressed by Premeiotic Testicular Germ Cells and Lost in Testicular Germ Cell Tumors," Cancer Res. 59:3199-3205 (1999).						
	C 18	HOOPER, et al., "Localization, Expression and Genomic Structure of the Gene Encoding the Human Serine Protease Testisin," Biochimica et Biophysica Acta 1492:63-71 (2000).						
	C 19							
Examiner		1990 Date Considered 7-27-06						

			Atty. Docket No.: 7570/80962	Appl. No.: 10/755,854		
LIST		RENCES CITED BY APPLICANT Use several sheets if necessary)	Applicant(s) Ye, et al.			
· 			Filing Date: January 13, 2004	Group: to be assigned		
Examiner Initial OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
M	C 20 KIEFER, et al., "The cDNA and Derived Amino Acid Sequence for Human Osteopontin," Nuc. Ac. Res. 17:3306 (1989).					
. 97	C 21	KIM, et al., "Osteopontin as a Potential Dia	gnostic Biomarker for Ovarian Cancer," JAM	1A 287:1671-1679 (2002).		
	C 22	KO, et al., "Haptoglobin Typing and Quant Chinese J. Microbiol. Immunol. 13:149-157	itation in Normal Chinese Females and Gyne (1980).	cologic Cancer Patients,"		
	C 23		itation in Normal Chinese Females and Gyne (1980) Abstract; Database Medline, Accession			
	C 24	KURTZ, et al., "Serum Creatine Kinase BB Cancer 56:562-566 (1985).	Isoenzyme as a Diagnostic Aid in Occult Sn	nall Cell Lung Cancer,"		
	C 25	MILLS, et al., "Future for Ovarian Cancer S Profiling and Proteomics," J. Natl. Cancer.	Screening: Novel Markers From Emerging To Inst. 93:1437-1439 (2001).	echnologies of Transcriptional		
	C 26	MOK, et al., "Prostasin, a Potential Serum I Technology," J. Natl. Cancer Inst. 93:1458-	Marker for Ovarian Cancer: Identification Th	rough Microarray		
	C 27	MOK, et al., "Molecular Cloning of Differentially Expressed Genes in Human Epithelial Ovarian Cancer," Gynecologic Oncol. 52:247-252 (1994).				
	C 28	MOK, et al., "SPARC, an Extracellular Matrix Protein with Tumor-Suppressing Activity in Human Ovarian Epithelial Cells," Oncogene 12:1895-1901 (1996).				
	C 29	MÜELLER-PILLASCH, et al., "Cloning of a Gene Highly Overexpressed in Cancer Coding for a Novel KH-Domain Containing Protein," Oncogene 14:2729-2733 (1997).				
	C 30	OLDBERG, et al., "Cloning and Sequence Analysis of Rat Bone Sialoprotein (Osteopontin) cDNA Reveals an Arg-Gly-Asp Cell-Binding Sequence," Proc. Natl. Acad. Sci. USA 83:8819-8823 (1986).				
	C 31	OLDBERG, et al., "Identification of a Bone Sialoprotein Receptor in Osteosarcoma Cells," J. Biol. Chem. 263:19433-19436 (1988).				
	C 32	PATARCA, et al., "Differential Induction of Interferon γ Gene Expression after Activation of CD4* Cells by Conventional Antigen and MIs Superantigen," Proc. Natl. Acad. Sci. USA 88:2736-2739 (1991).				
	C 33	PENG, et al., "Proteomics: The Move to M	ixtures," J. Mass Spectrom. 36:1083-1091 (20	01).		
	C 34	PETRICOIN, et al., "Use of Proteomic Patt	erns in Serum to Identify Ovarian Cancer," L	ance: 359:572-577 (2002).		
	C 35	PIVA, et al., "Interleukin-6 Differentially S Vitro: A Model for Endometrial-Peritoneal (2001).	timulates Haptoglobin Production by Periton Interaction in Endometriosis," <i>J. Clin. Endocr</i>	eal and Endometriotic Cells in rinol. Metab. 86:2553-2561		
	C 36	REN, et al., "Reduced Lysyl Oxidase Messon Res. 58:1285-1290 (1998).	enger RNA Levels in Experimental and Hum	an Prostate Cancer," Cancer		
	C 37		Osteonectin Messenger RNA Expression Is a Cancer," Clin. Cancer Res. 10:1588-1596 (20			
1	C 38	SCHRIML, et al., "Tyramide Signal Ampli I kb in Size," BioTechniques 27:608-613 (1	fication (TSA)-FISH Applied to Mapping PC 999).	R-Labeled Probes Less Than		
Examiner		EFA	Date Considered 7.27	.06		

			Atty. Docket No.: 7370/80962	Appl. No.: 10/755,854			
LIST		ERENCES CITED BY APPLICANT Use several sheets if necessary)	Applicant(s) Ye, et al.				
			Filing Date: January 13, 2004	Group: to be assigned			
Examiner Initial	.	OTHER PRIOR ART (Incl.	iding Author, Title, Date, Pertinent Pages, Etc.)				
M	C 39	SCHUMMER, et al., "Comparative Hybrid Overexpressed in Ovarian Carcinomas," Ge	ization of an Array of 21 500 Ovarian cDNA ene 238:375-385 (1999).	s for the Discovery of Genes			
	C 40	SENGER, et al., "Elevated Expression of S Neoplastic Transformation," Anticancer Re.	ecreted Phosphoprotein I (Osteopontin, 2ar) s. 9:1291-1300 (1989).	as a Consequence of			
	C 41	SHARP, et al., "Tumor Cells Are the Source Cancer," Lab. Investig. 79:869-877 (1999).	e of Osteopontin and Bone Sialoprotein Exp	ression in Human Breast			
	C 42	SHINDO, "Haptoglobin Subtyping with Ar (1990), see especially Abstract; Database C	nti-Haptoglobin.Alpha.Chain Antibodies," <i>El</i> a aplus, Accession No. 1990:548290, (Sch. Me	ectrophoresis //:483-488 ed. Akita Univ., Hondo, Japan.			
	C 43	SMITH, et al., "Molecular Cloning of a Tui Induction Is Stable at High, but Not at Low	mor Promoter-Inducible mRNA Found in JBo, Cell Densities," <i>J. Cell. Biochem. 34</i> :13-22 (6 Mouse Epidermal Cells: 1987).			
	C 44	SZALA, et al., "Molecular Cloning of cDN USA 87:3542-3546 (1990).	SZALA, et al., "Molecular Cloning of cDNA for the Carcinoma-Associated Antigen GA733-2," Proc. Natl. Acad. Sci.				
	C 45	THOMPSON, et al., "Increased Fucosylation and Other Carbohydrate Changes in Haptoglobin in Ovarian Cancer," Cancer Letters 66:43-48 (1992).					
	C 46	TUCK, et al., "Osteopontin Induces Increas Mammary Epithelial Cells," Oncogene 18:4	sed Invasiveness and Plasminogen Activator 1 237-4246 (1999).	Expression of Human			
	C 47	VLAHOU, et al., "Development of a Novel Proteomic Approach for the Detection of Transitional Cell Carcinoma of the Bladder in Urine," Am. J. Pathol. 158:1491-1502 (2001).					
	C 48	WANG, et al., "Monitoring Gene Expression 229:101-108 (1999).	on Profile Changes in Ovarian Carcinomas U	sing cDNA Microarray," Gene			
	C 49	YE, et al., "Identification and Validation of Proteomic Approaches," Proc. Am. Assoc. C	Urinary Biomarkers for Early Stage of Ovari Cancer Res. 45:915 (abstract 3964 (2004)).	ian Cancer by Multiple			
	C 50	YIU, et al., "Prostasin, a Potential Serum M American Association for Cancer Research	arker for the Early Detection of Ovarian Can Annual 42:744 (2001).	cer," Proceedings of the			
	C 51	YU, et al., "Prostasin Is a Novel Human Serine Proteinase from Seminal Fluid," J. Biol. Chem. 269:18843-18848 (1994).					
	C 52	YU, et al., "Molecular Cloning, Tissue-Specific Expression, and Cellular Localization of Human Prostasin mRNA," J. Biol. Chem. 270:13483-13489 (1995).					
	C 53	ZHAU, et al., "Biomarkers Associated with Prostate Cancer Progression," J. Cell. Biochem. Supp. 19:208-216 (1994).					
	C 54						
	C 55						
	C 56						
	C 57						
Examiner	/	again	Date Considered 7.27	7.06			

				Atty. Docket No.: 7570/8096	52	Appl. No.:	10/755,854
LIST OF REFERENCES CITED BY APPLICANT (Use everal sheets in accessed)			Applicant(s) Ye, et al.				
		0 2	SE CO	Filing Date: January 13, 200	1	Group: to be assigned	
		ATTENT S	U.S. PATI	ENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
fall	A I	5,866,119	Feb. 2, 1999	Bandman, et al.	424	94.6	Jun. 2, 1997
141	A 2 ·	5,928,883	Jul. 27, 1999	Gleich, et al.	435	7.21	Nov. 12, 1997
	A 3						
	A 4						
	A 5			·			
	A 6						
	A 7						
	A 8						
	A 9	•					
	A 10						
	A 11		,				
	A 12						
	A 13						
	A 14						
	A 15						
	A 16						
	A 17						
	A 18						
	A 19						
	A 20						
	A 21						
	A 22						
	A 23						,
	A 25			·			
	A 25						
	A 26						
	A 27						
Examiner		190	Mal	Date Considered	77,	06	

Atty. Docket No.: 7570/80962 Appl. No.: 10/755,854 LIST OF REFERENCES CITED BY APPLICANT Applicant(s) Ye, et al. (Use several sheets if necessary) Filing Date: January 13, 2004 Group: to be assigned FOREIGN PATENT DOCUMENTS Abst. (Trans. Examiner Document Date Country Class Subclass Initial Number Yeş No ВІ B 2 B 3 ' B 4 B 5 B 6 B 7 B 8 B 9 B 10 B 11 B 12 B 13 B 14 B 15 B 16 B 17 B 18 B 19 B_.20 B 21 B 22 B 23 B 24 B 2/5 B 26 B 27 7.27.06 Date Considered Examiner

1

· .							
			Atty. Docket No.: 7570/80962	Appl. No.: 10/755,854			
LIST		ERENCES CITED BY APPLICANT Use several sheets if necessary)	Applicant(s) Ye, et al.				
,,			Filing Date: January 13, 2004	Group: to be assigned			
Examiner Initial /	Examiner Initial / OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
1	Cl	ALI, et al., "Intercellular Cell Adhesion Molecule-I, Vascular Cell Adhesion Molecule-I, and Regulated on Activation Normal T Cell Expressed and Secreted Are Expressed by Human Breast Carcinoma Cells and Support Eosinophil and					
		Activation," Am. J. Path. 157:313-321 (200	0).				
1. W	C 2	ALPER, "Turning Sweet on Cancer," Scien					
Y	C 3	BARKER, et al., "Eosinophil Cationic Prot Ribonucleases," J. Immunol. 143:952-955 (ein cDNA, Comparison with Other Toxic Ca 1989).	ationic Proteins and			
V_{i}	C 4	BEINTEMA, et al., "Amino Acid Sequence 27:4530-4538 (1988).	e of the Nonsecretory Ribonuclease of Huma	n Urine," Biochemistry			
	C 5	BLUMENTHAL, et al., "Degranulating Eo	sinophils in Human Endometriosis," Am. J. I	Path. 156:1581-1588 (2000).			
	C 6	DORTA, et al., "Tumour-Associated Tissue Histopathology 41:152-157 (2002).	e Eosinophilia as a Prognostic Factor in Oral	Squamous Cell Carcinomas,"			
	C 7	FERNÁNDEZ-ACEÑERO, et al., "Prognostic Influence of Tumor-Associated Eosinophilic Infiltrate in Colorectal Carcinoma," Cancer 88:1544-1548 (2000).					
	C 8,	HAKOMORI, "Glycosylation Defining Cancer Malignancy: New Wine in an Old Bottle," <i>Proc. Natl. Acad. Sci. USA</i> 99:10231-10233 (2002).					
4	C 9	HAMANN, et al., "Sequence of Human Eosinophil-Derived Neurotoxin cDNA: Identity of Deduced Amino Acid Sequence with Human Nonsecretory Ribonucleases," Gene 83:161-167 (1989).					
1	, C 10	HAMANN, et al., "Structure and Chromosome Localization of the Human Eosinophil-Derived Neurotoxin and Eosinophil Cationic Protein Genes: Evidence for Intronless Coding Sequences in the Ribonuclease Gene Superfamily," Genomics 7:535-546 (1990).					
	C 11	KAKUGAWA, et al., "Up-Regulation of Plasma Membrane-Associated Ganglioside Sialidase (Neu3) in Human Colon Cancer and Its Involvement in Apoptosis Suppression," Proc. Natl. Acad. Sci. USA 99:10718-10723 (2002).					
V)	/C 12	KODAMA, <i>et al.</i> , "Large Cell Carcinoma o (1984).	of the Lung Associated with Marked Eosinop	hilia," Cancer 54:2313-2317			
10,	C 13	PASTRŇÁK, et al., "Local Eosinophilia in	Stroma of Tumors Related to Prognosis," Ne	eoplasma 31:323-326 (1984).			
10,	C 14	ROSENBERG, et al., "Molecular Cloning of Ribonuclease Gene Family," Proc. Natl. Ac	of the Human Eosinophil-Derived Neurotoxi ad. Sci. USA 86:4460-4464 (1989).	n: A Member of the			
	C 15	SAKAKIBARA, et al., "A Putative Mouse Oocyte Maturation Inhibitory Protein from Urine of Pregnant Women: N-Terminal Sequence Homology with Human Nonsecretory Ribonuclease," Chem. Pharm. Bull. 39:146-149 (1991).					
14	C 16	SAKAKIBARA, et al., "Characterization o Biochem. 111:325-330 (1992).	f a Unique Nonsecretory Ribonuclease from	Urine of Pregnant Women," J.			
	C 17	SAMOSZUK, et al., "New Marker for Bloc 2:1867-1871 (1996).	od Vessels in Human Ovarian and Endometri	ial Cancers," Clin. Cancer Res.			
V	C 18	SAMOSZUK, et al., "Occult Deposition of Eosinophil Peroxidase in a Subset of Human Breast Carcinomas," Am. J. Pathol. 148:701-706 (1996).					
	C 19	SAMOSZUK, "Eosinohils and Human Cancer," Histol. Histopathol. 12:807-812 (1997).					
Examiner		A MA	Date Considered 7.29	7.06			

			Atty. Docket No.: 7570/80962	Appl. No.: 10/755,854			
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)			Applicant(s) Ye, et al.				
			Filing Date: January 13, 2004	Group: to be assigned			
Examiner		OTHER PRIOR ART (Inclu	uding Author, Title, Date, Pertinent Pages, Etc.)				
JA,	C20	SCHLEICH, et al., "Serum Ribonuclease Activity in Patients with Ovarian Tumors," Eur. J. Gynaec. Oncol. 7:76-81 (1986).					
1	C 21	SCHLEICH, et al., "Ovarian Carcinoma: Increase in Clinical Validity by Simultaneous Determination o f SRA and CA 125," J. Cancer Res. Clin. Oncol. 113:603-607 (1987).					
· [/	C 22	SCHWARTZ, "The Hypereosinophilic Syn (2003).	ndrome and the Biology of Cancer," N. Engl.	J. Med. 348:1199-1200			
$\int \int$	C 23	SHEID, et al., "Plasma Ribonuclease, A Marker for the Detection of Ovarian Cancer," Cancer 39:2204-2208 (1977).					
14	C 24	SUSTER, "Tumors of the Skin Composed of Pathol. 16:162-177 (1999).	of Large Cells with Abundant Eosinophilic C	ytoplasm," <i>Semin. Diagn</i> .			
	C 25	YE, et al., "Haptoglobin-α Subunit as Potential Serum Biomarker in Ovarian Cancer: Identification and Characterization Using Proteomic Profiling and Mass Spectrometry," Clin. Cancer Res. 9:2904-2911 (2003).					
3	C 26						
	C 27						
	C 28						
	C 29			•			
	C 30						
	C 31						
	C 32						
	C 33						
	C 34						
	C 35						
	C 36						
	C 37						
	C 38	·					
Examiner		16 GA 11	Date Considered 7,27	7.06			